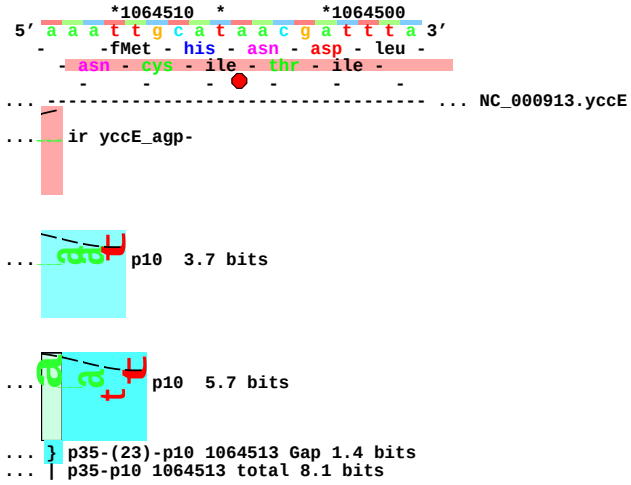
piece 1, NC_000913, yccE_agp-, config: linear, direction: -, begin: 1064837, end: 1064496
*1064830 *1064820 *1064810 *1064800 *1064790 *1064780 *1064770 *1064760
5′ c a c a g c t g c g g c g a t t a g c g t t t t g t t c a t t c c t g g c a c c t c t t t t g t t a t c a a t c a c t a a a g a g t g t g a c a g a a a t a t g a 3′
- his - ser - cys - gly - asp - fMet - thr - glu - ile -
- thr - ala - ala - ala - ile - ser - val - leu - phe - ile - pro - gly - thr - ser - phe - val - ile - asn - his - fMet -
- gln - leu - arg - arg - leu - ala - phe - cys - ser - phe - leu - ala - pro - leu - leu - leu - ser - ile - thr - lys - glu - cys - asp - arg - asn - met - thr -
... ----------] NC_000913.agp
sd ... ir
{----------} sd-(15)-ir 1064760 Gap 6.0 bi
|----------| sd-ir 1064760 yccE_agp- total
*1064750 *1064740 *1064730 *1064720 *1064710 *1064700 *1064690 *1064680
5′ c t t t t t t c c g g g a a c a g g t t c g c a a a a t g g c t t g t t g a a c g c c t g t t t t t c t a t a t a c a t c t t c a a a a a a c a g g c a a g g t t t t 3′
-fMet - leu - asn - ala - cys - phe - ser - ile - tyr - ile - phe - lys - asn - arg - gln - gly - leu -
- phe - phe - arg - glu - gln - val - arg - lys - met - ala - cys -
... ir yccE_agp- p10 4.7 bits [###> orf 14 codons ... sd
p35 3.9 bits p35 5.0 bits p10 1.6 bits {------- ... sd-(14)-ir 1064665
{----------} p35-(21)-p10 1064733 Gap 3.3 bits |------- ... sd-ir 1064665 yccE
|----------| p35-p10 1064733 total 5.4 bits
{----------} p35-(23)-p10 1064698 Gap 1.4 bits
|----------| p35-p10 1064698 total 5.1 bits
*1064670 *1064660 *1064650 *1064640 *1064630 *1064620 *1064610 *1064600 *
5′ g a c g c a a a c t a t g c c t g a t t a g c c c c t g c c t c g c g t a c g c c g c t g a t a a t t g c a c c t g t g g c t a a a c a g a a t a t c t g c g g c 3′
-fMet - ala - lys - gln - asn - ile - cys - gly -
- thr - gln - thr - met - pro - asp - fMet - his - leu - trp - leu - asn - arg - ile - ser - ala - ala -
... sd ir yccE_agp-
... ----------} sd-(14)-ir 1064665 Gap 4.9 bits
... ----------| sd-ir 1064665 yccE_agp- total 5.7 bits
[###> orf 4 codons
*1064590 *1064580 *1064570 *1064560 *1064550 *1064540 *1064530 *1064520 *
5′ g t t a c c a a t a c a g a g a c a a t a t t t a c c a a t a a a a a a g t g t g a g a c t a a t a a c a a t g g t t t t t a g c a t a t g c c t t t g c c a t t 3′
- val - thr - asn - thr - glu - thr - ile - phe - thr - asn - lys - lys - val -
- leu - pro - ile - gln - arg - gln - tyr - leu - pro - ile - lys - lys - cys - glu - thr - asn - asn - asn - gly - phe - fMet - pro - leu - pro - leu -
-fMet - arg - leu - ile - thr - met - val - phe - ser - ile - cys - leu - cys - his -
sd <--- ... NC_000913.yccE
... ir
{----------} sd-(11)-ir 1064527 Gap 3.0 bits
|----------| sd-ir 1064527 yccE_agp- total 6.8 bits
p35 3.8 bits ... p10
{----------} p35-(22)-p10 1064514 Ga
|----------| p35-p10 1064514 total 5
... p10
{---------- ... p35-(23)-p10 10645
|---------- ... p35-p10 1064513 to


*1064510 *1064500
5' a a a t t g c a t a a c g a t t t a 3'
- -fMet - his - asn - asp - leu -
- asn - cys - ile - thr - ile -
... ... NC_000913.yccE
ir yccE_agp-
p10 3.7 bits
p10 5.7 bits
} p35-(23)-p10 1064513 Gap 1.4 bits
| p35-p10 1064513 total 8.1 bits